

Reply to Editor:

I only have a couple of minor points concerning the revised manuscript (version 3):

>> We thank the editor for their comments and detailed suggestions, and have made the corrections noted below.

- l 18 : as requested by Reviewer #2 please change "Earth System Models" to "Earth system models"

>> I have changed "Earth System Models" to "Earth system models"

- l 53 : change "look at the what" to "look at what"

>> Done: changed "look at the what" to "look at what"

- legend of Figure 1 : should not it be "Figures 3 and 5"?

>> Yes, the caption has been corrected to say "Figures 3 and 5"

- l 300 "increases are large in the sub-tropics and into higher latitudes": over ocean you mean? This part of the sentence could be removed as you indicate a similar information in the following sentence.

>> I have removed this part of the sentence as suggested

- l 380 we provide more details

>> Changed: detail → details

- l 457 spherical geometry

>> Corrected: geomerty → geometry

Finally, in his response document, the author indicates several times "Added ...". It would have been clearer, as done once this response document, to repeat in this response document what has been added in the manuscript.

>> Sorry about that. I will be more complete next time.